

STREET B AND STREET A TRENCHING

PHASE 1 OF 3

LEGEND:

	= WORK AREA		P.T.T.A.N.S.A.T.S. = POST TEMPORARY TOW AWAY NO STOPPING ANY TIME SIGNS
	= TRAFFIC CONE		= EXISTING DRIVEWAY
	= HIGH LEVEL WARNING DEVICE		= TYPE II BARRICADE
	= PORTABLE SIGN		= EXISTING RED CURB
	= EXISTING SIGN		= DOUBLE YELLOW LANE LINES
	= TYPE III BARRICADES		= EXISTING STRIPING
	= TYPE III BARRICADES W/SIGN		= SIGNALIZED INTERSECTION
	= FLASHING ARROW BOARD		= EXISTING LANE FLOW DIRECTION
	= FLAGGER		= CHANGEABLE MESSAGE SIGN
	= DIRECTION OF TRAFFIC FLOW		

PEDESTRIAN NOTES

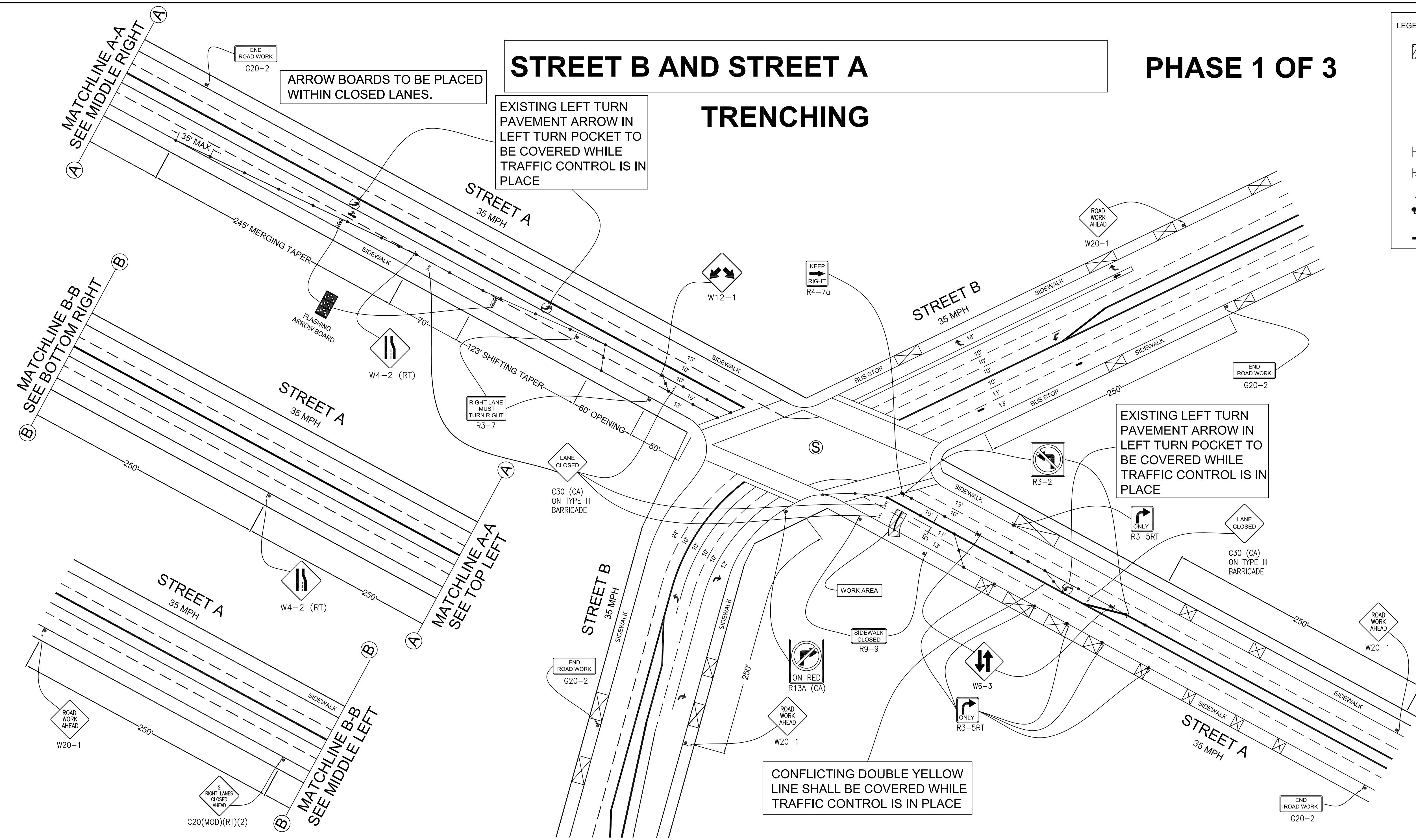
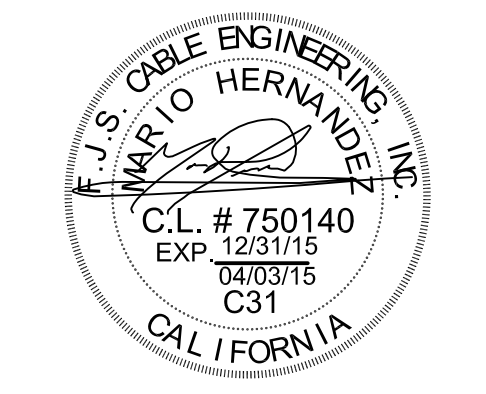
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1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE
3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH

CONTACT LA METRO 72 HOURS PRIOR TO START OF WORK FOR TEMPORARY RELOCATION OF BUS STOP. METRO (213) 922-4632

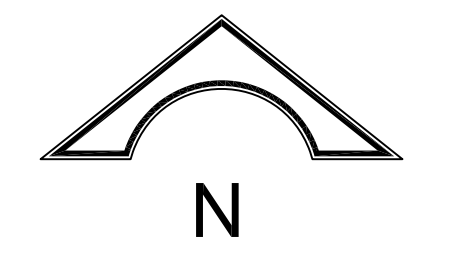
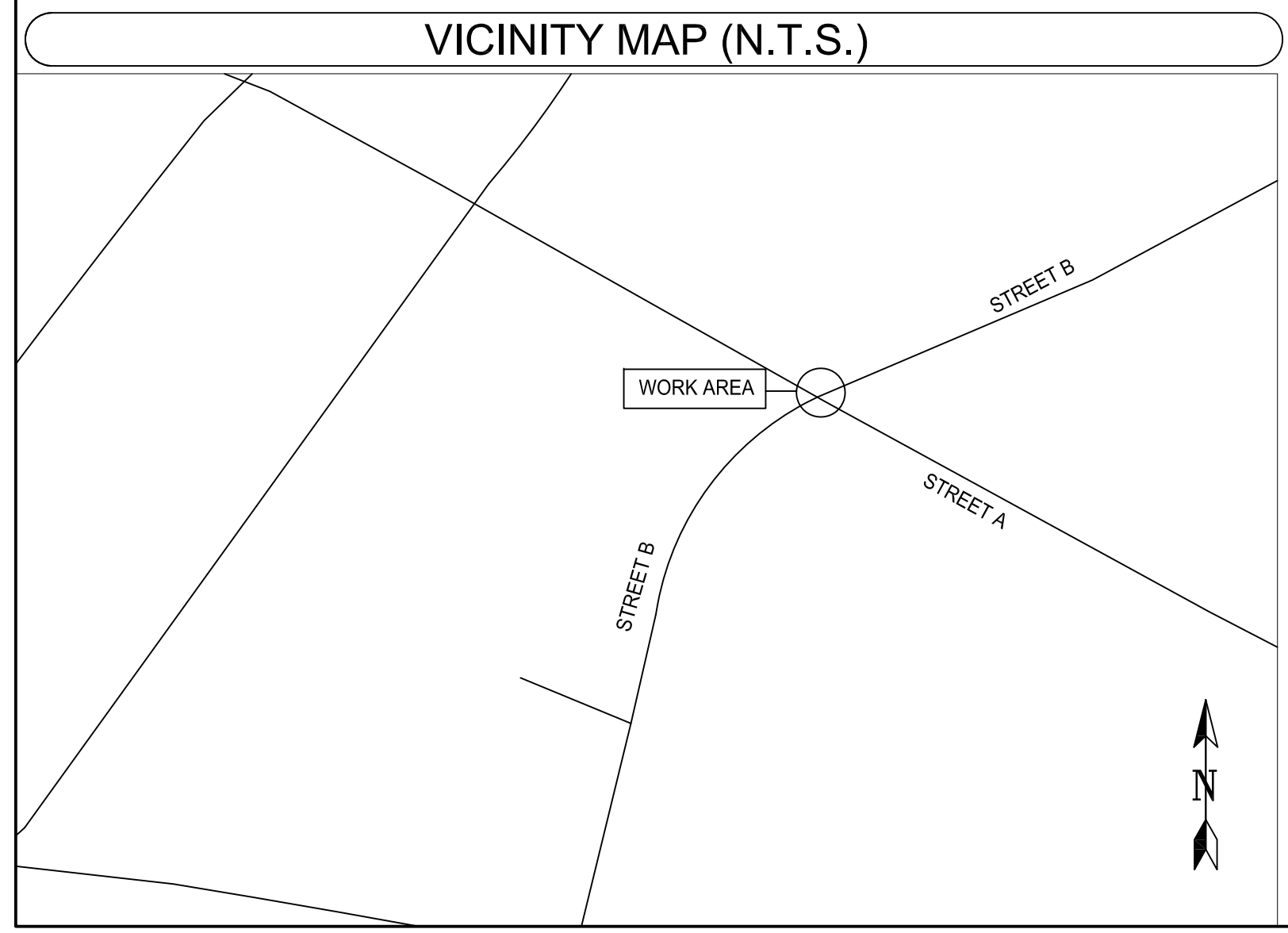
FLAGGER TO ASSIST PEDESTRIANS THROUGH WORK AREA (SEE PED NOTES)

C30(CA) SIGNS SHALL BE PLACED ON TYPE III BARRICADES



TRAFFIC CONTROL PLAN GENERAL NOTES

1. ALL WORK AND MATERIALS DOES COMPLY WITH THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION.
2. ALL STRIPING AND MARKINGS DOES CONFORM TO THE STATE OF CALIFORNIA, STANDARD PLANS AND SPECIFICATIONS, INCLUDING STANDARD PLAN A-20, DETAILS.
3. THE CONTRACTOR SHALL PROVIDE FOR ACCESS TO ALL ADJACENT PROPERTIES, AND DRIVEWAYS AT ALL TIMES.
4. FLASHING YELLOW BEACONS, TYPE "B", SHALL BE USED ON ALL W20-1 SIGNS AND ON ALL TYPE III BARRICADES GUARDING THE WORK AREA OVERNIGHT.
5. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE.
6. ALL TUBULAR DELINEATORS AND CONES SHALL BE 28" MINIMUM HEIGHT, REFLECTORIZED AND MAINTAINED ERECT IN THE INDICATED POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY, AND SHALL INCLUDE A 12" HIGH-INTENSITY REFLECTORIZED SLEEVE, IF USED DURING NIGHT-TIME HOURS.
7. THE CONTRACTOR SHALL MAINTAIN, ON A CONTINUOUS BASIS, ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL HAVE ALL SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
9. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ABUTTING PROPERTY OWNERS.
10. ADDITIONAL TRAFFIC CONTROLS, TRAFFIC SIGNS, OR BARRICADING MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY TO ASSURE SAFETY TO THE PUBLIC AT ALL TIMES DURING CONSTRUCTION.
11. EXACT LOCATION AND TYPE OF CONSTRUCTION SIGNS SHALL BE DIRECTED BY THE ENGINEER BASED UPON CONSTRUCTION CONDITIONS.
12. MOVE DELINEATORS AND/OR CONES TO SIDEWALK DURING NON-WORKING HOURS. REMOVE BARRICADES ETC. FROM TRAVEL LANE.
13. REMOVE OR TURN OFF SIGNS DURING NON-WORK HOURS.
14. ALL CONFLICTING LINES, EXISTING CURB PAINT, AND MARKINGS SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW/TEMPORARY STRIPING. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED. PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER AND/OR STATE INSPECTOR.
15. HALF ROAD CLOSURE REQUIRES APPROVAL FROM DEPARTMENT OF PUBLIC WORKS. UPON COMPLETION OF EXCAVATION, CONTRACTOR SHALL RESTORE ANY PAVEMENT MARKINGS AND STRIPING THAT WERE REMOVED DURING CONSTRUCTION.
16. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES TO TRAFFIC SIGNAL EQUIPMENT SUCH AS LOOP DETECTORS, CONDUIT, ETC.
17. CONTRACTOR SHALL CONTACT TRANSIT AUTHORITY 72 HOURS PRIOR TO START OF WORK TO TEMPORARY RELOCATE BUS STOP.
18. ALL EXCAVATIONS SHALL BE BACKFILLED OR TRENCH PLATED AT THE END OF EACH WORK DAY. ASPHALT RAMP SHALL BE PLACED AROUND EACH TRENCH PLATE TO PREVENT THE PLATE FROM BEING DISLODGED. CONTRACTOR SHALL MONITOR TRENCH PLATES DURING NON-WORKING HOURS TO ENSURE THAT THEY DO NOT BECOME DISLODGED.
19. TEAR DOWN AND SET UP TEMPORARY TRAFFIC CONTROL DEVICES DAILY.
20. CONTRACTOR SHALL CONTACT LADOT AT (213) 485-2298 FIVE BUSINESS DAYS PRIOR TO CONSTRUCTION TO POST TEMPORARY NO STOPPING ANY TIME SIGNS AND COVER PARKING METERS.



WORK HOURS: 9:00 AM TO 3:30 PM MONDAY TO FRIDAY		
DATE		LAYOUT ENGINEER
DRAWN		TELEPHONE NUMBER
CHECKED		EMAIL ADDRESS
APPROVED		FACILITY ENGINEER
DATE	REVISIONS	TELEPHONE NUMBER
		GEOCO
		CENTRAL OFFICE
		UNDERGROUND CONSTRUCTION ROUTINE ORDER/ESTIMATE NUMBER
SCALE: 1" = 50'	THOMAS GUIDE	DRAWING: 1/4

F.J.S. CABLE ENGINEERING, INC.
www.vector1.net
14540 Bolsa Chico Rd., Suite K
Westminster, CA 92683
TELE (714) 897-3793
FAX (714) 897-9593

STREET B AND STREET A

TRENCHING

PHASE 2 OF 3

LEGEND:

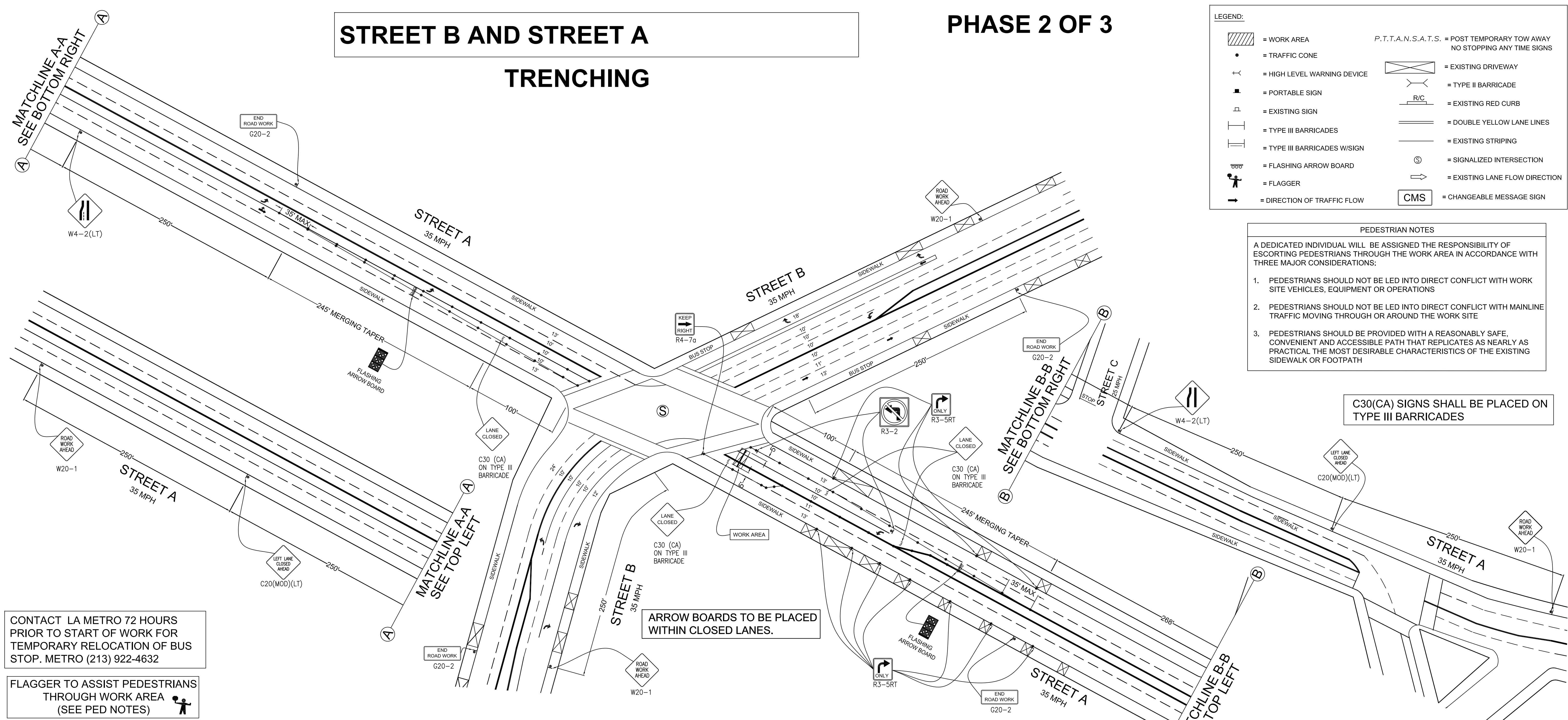
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PEDESTRIAN NOTES

A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:

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C30(CA) SIGNS SHALL BE PLACED ON TYPE III BARRICADES



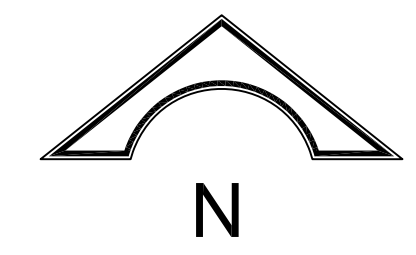
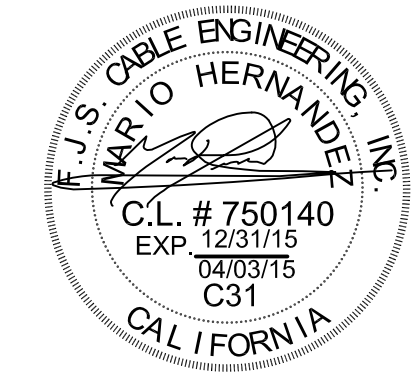
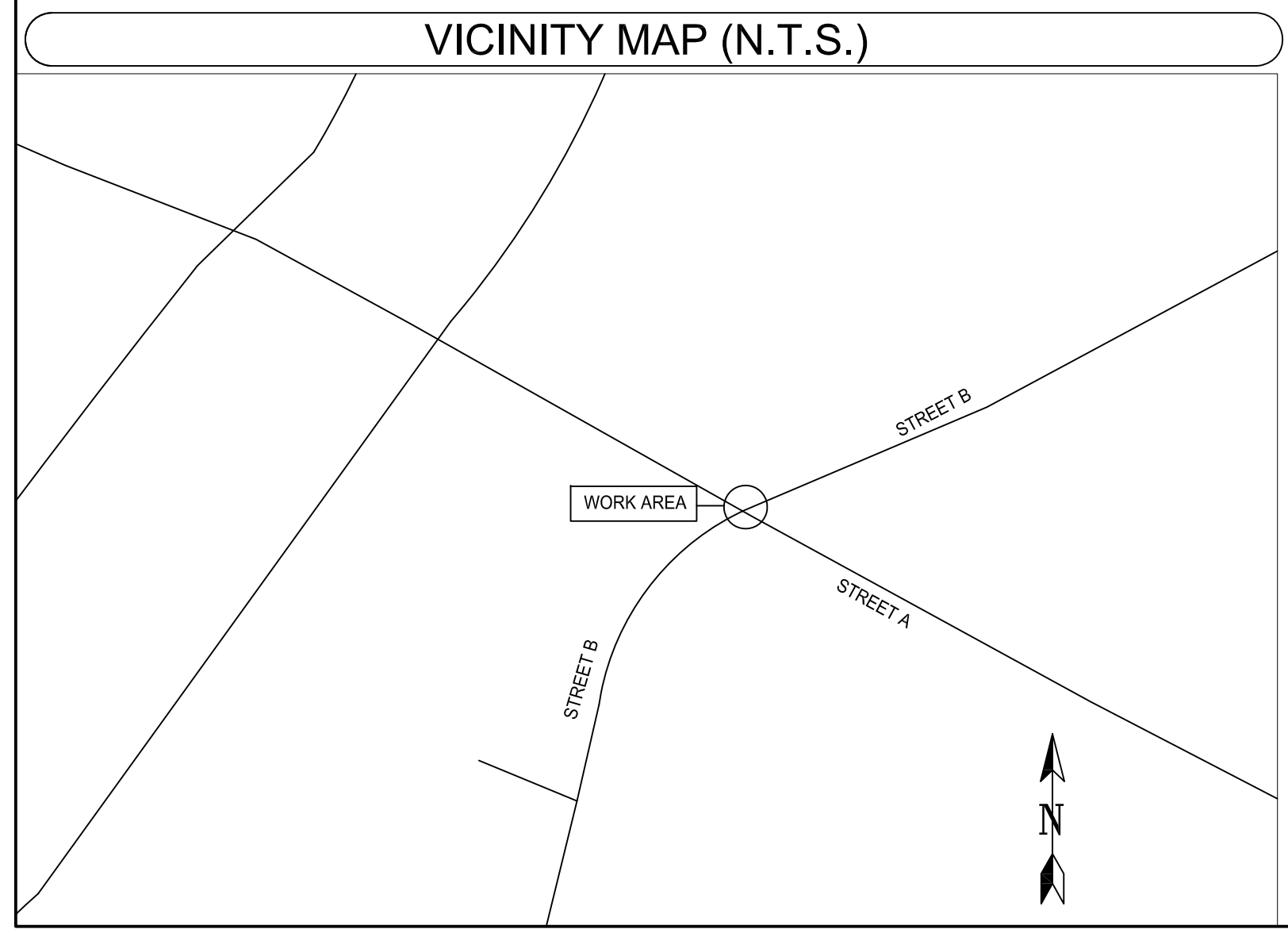
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ARROW BOARDS TO BE PLACED WITHIN CLOSED LANES.

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STREET B AND STREET A TRENCHING

PHASE 3 OF 3

LEGEND:

	= WORK AREA		= EXISTING DRIVEWAY
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ARROW BOARDS TO BE PLACED WITHIN CLOSED LANES.

EXISTING LEFT TURN PAVEMENT ARROW IN LEFT TURN POCKET TO BE COVERED WHILE TRAFFIC CONTROL IS IN PLACE

CONTRACTOR TO PLACE STEEL PLATES OVER THE TRENCH TO PROVIDE ACCESS TO DRIVEWAYS AND ALLEY.

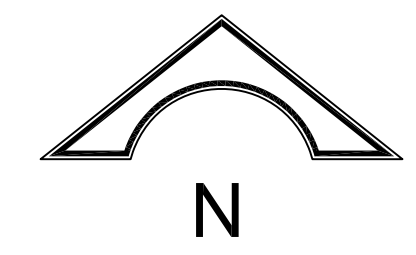
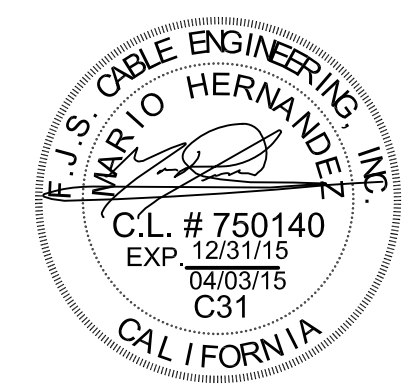
CONTRACTORS TO PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

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FLAGGER TO ASSIST PEDESTRIANS THROUGH WORK AREA (SEE PED NOTES)

TRAFFIC CONTROL PLAN GENERAL NOTES

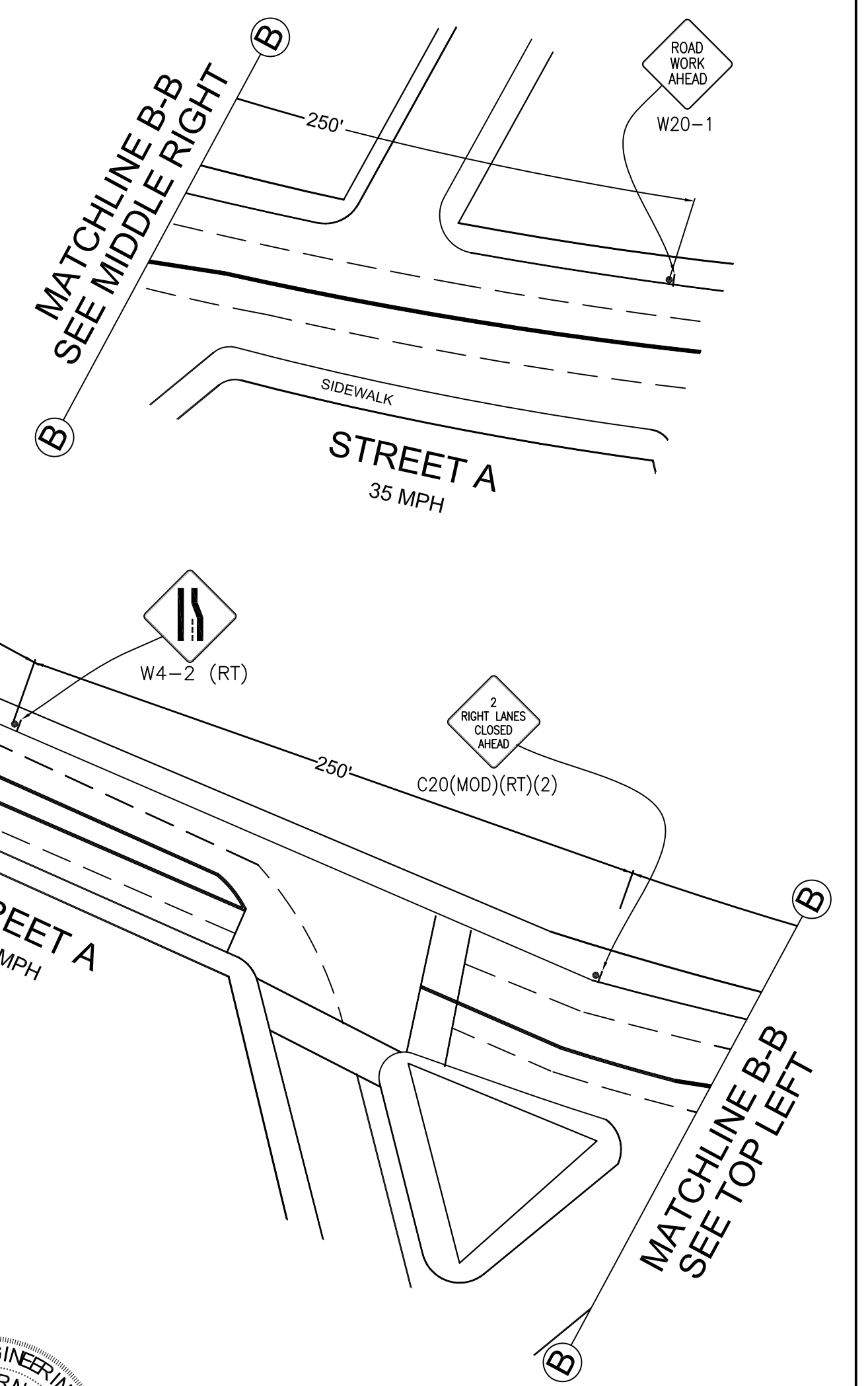
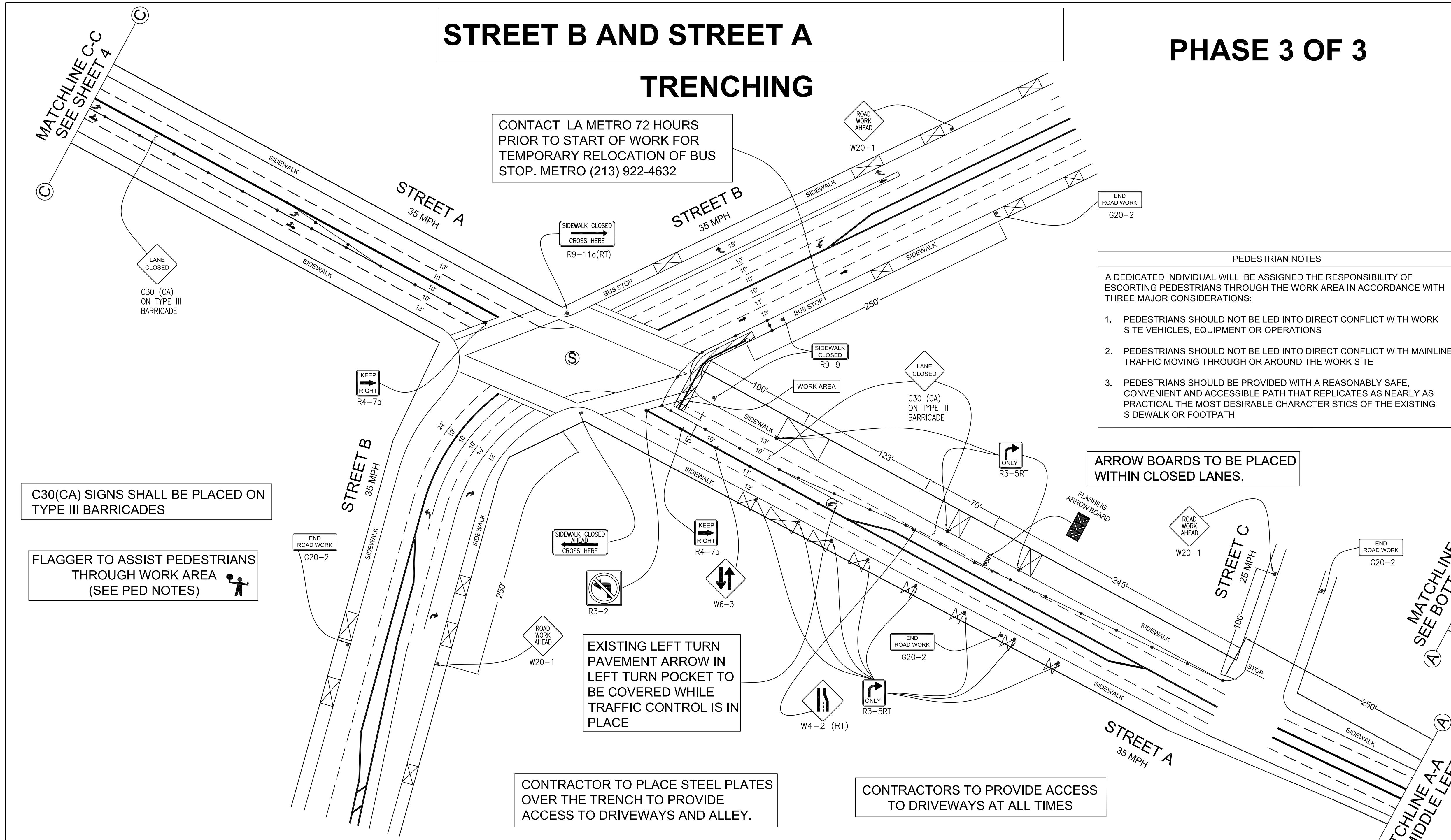
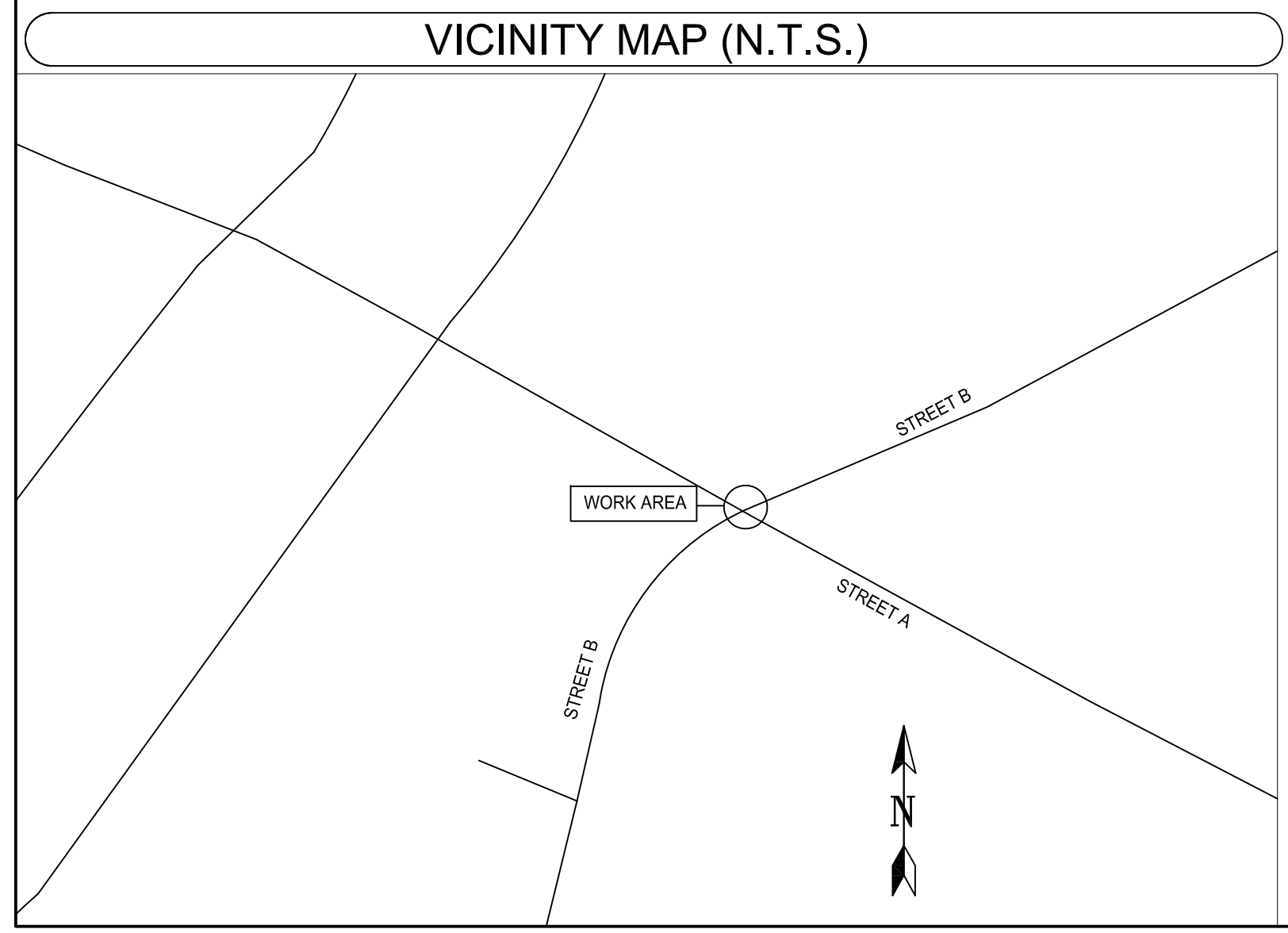
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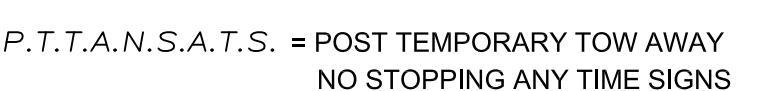

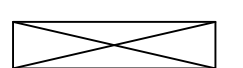
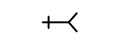
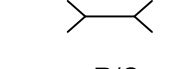

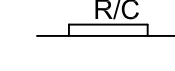

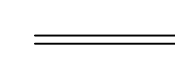
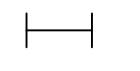
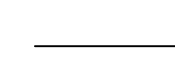
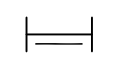
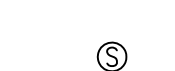

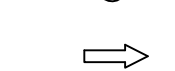


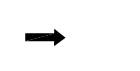
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PHASE 3 OF 3 (CONTINUE)

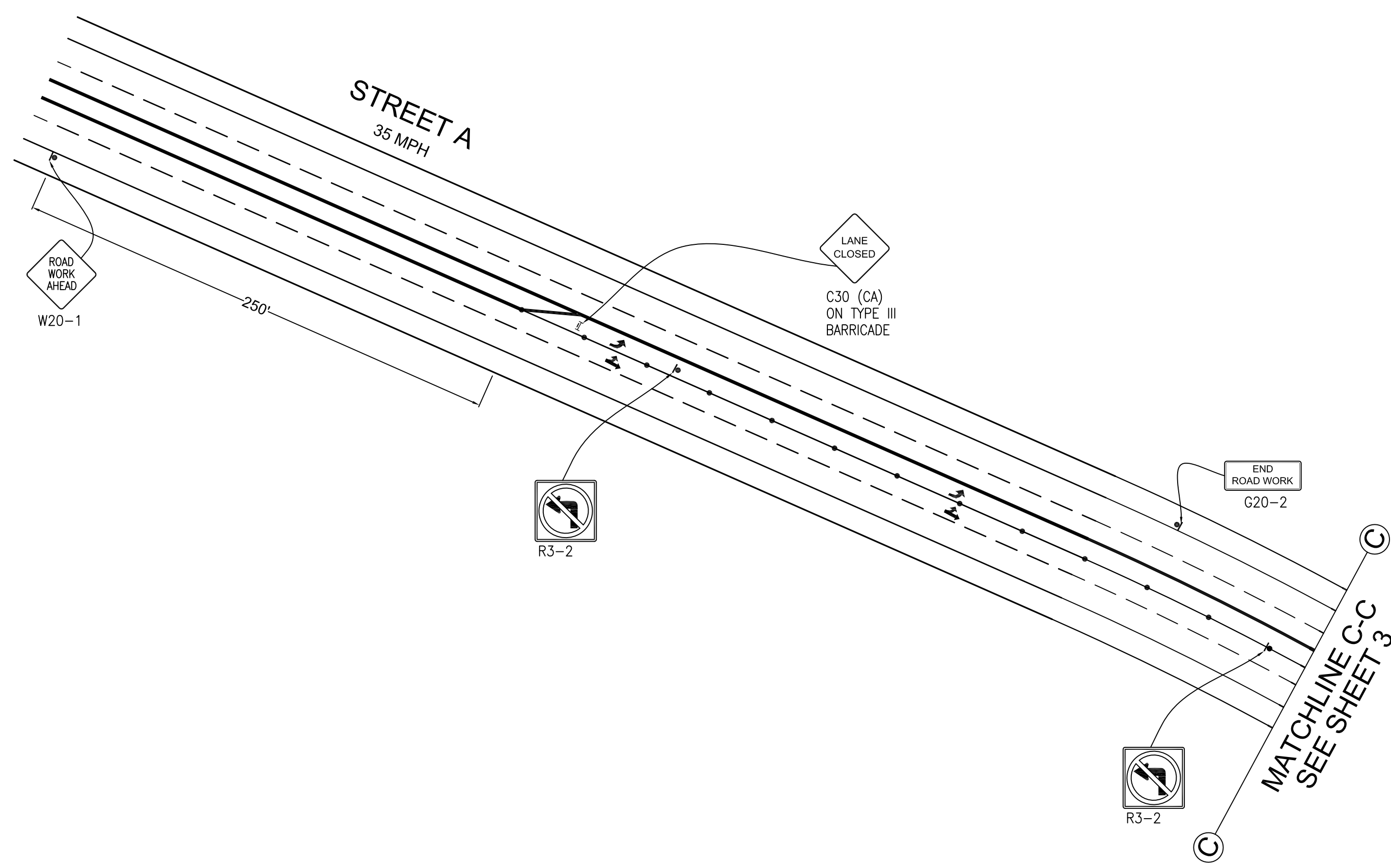
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	= TYPE III BARRICADES		= EXISTING STRIPING
	= TYPE III BARRICADES W/SIGN		= SIGNALIZED INTERSECTION
	= FLASHING ARROW BOARD		= EXISTING LANE FLOW DIRECTION
	= FLAGGER		= CHANGEABLE MESSAGE SIGN
	= DIRECTION OF TRAFFIC FLOW		

PEDESTRIAN NOTES

A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:

1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE
3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH

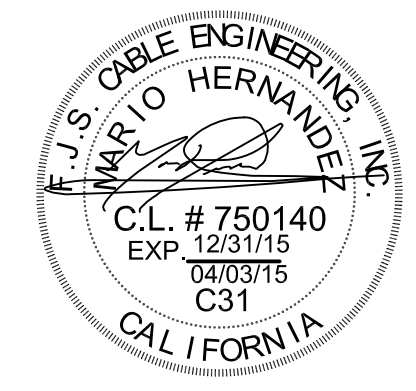


C30(CA) SIGNS SHALL BE PLACED ON TYPE III BARRICADES

ARROW BOARDS TO BE PLACED WITHIN CLOSED LANES.

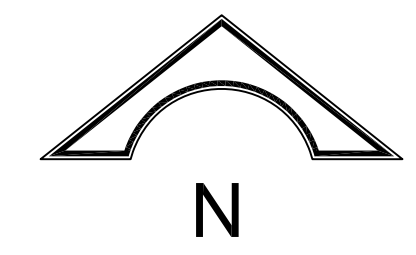
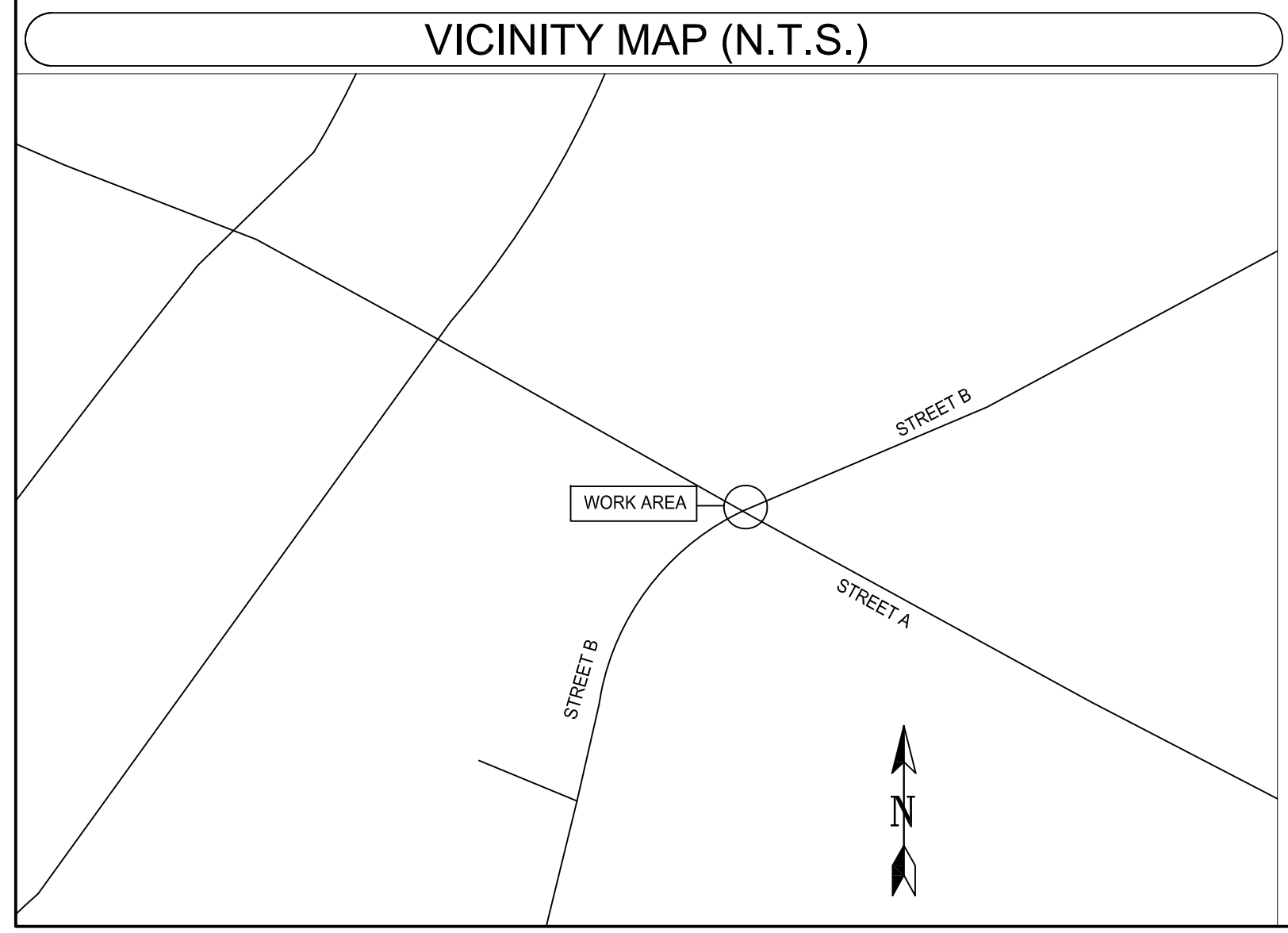
CONTACT LA METRO 72 HOURS PRIOR TO START OF WORK FOR TEMPORARY RELOCATION OF BUS STOP. METRO (213) 922-4632

FLAGGER TO ASSIST PEDESTRIANS THROUGH WORK AREA (SEE PED NOTES)



TRAFFIC CONTROL PLAN GENERAL NOTES

1. ALL WORK AND MATERIALS DOES COMPLY WITH THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION.
2. ALL STRIPING AND MARKINGS DOES CONFORM TO THE STATE OF CALIFORNIA, STANDARD PLANS AND SPECIFICATIONS, INCLUDING STANDARD PLAN A-20, DETAILS.
3. THE CONTRACTOR SHALL PROVIDE FOR ACCESS TO ALL ADJACENT PROPERTIES, AND DRIVEWAYS AT ALL TIMES.
4. FLASHING YELLOW BEACONS, TYPE "B", SHALL BE USED ON ALL W20-1 SIGNS AND ON ALL TYPE III BARRICADES GUARDING THE WORK AREA OVERNIGHT.
5. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE.
6. ALL TUBULAR DELINEATORS AND CONES SHALL BE 28" MINIMUM HEIGHT, REFLECTORIZED AND MAINTAINED ERECT IN THE INDICATED POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY, AND SHALL INCLUDE A 12" HIGH-INTENSITY REFLECTORIZED SLEEVE, IF USED DURING NIGHT-TIME HOURS.
7. THE CONTRACTOR SHALL MAINTAIN, ON A CONTINUOUS BASIS, ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL HAVE ALL SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
9. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ABUTTING PROPERTY OWNERS.
10. ADDITIONAL TRAFFIC CONTROLS, TRAFFIC SIGNS, OR BARRICADING MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY TO ASSURE SAFETY TO THE PUBLIC AT ALL TIMES DURING CONSTRUCTION.
11. EXACT LOCATION AND TYPE OF CONSTRUCTION SIGNS SHALL BE DIRECTED BY THE ENGINEER BASED UPON CONSTRUCTION CONDITIONS.
12. MOVE DELINEATORS AND/OR CONES TO SIDEWALK DURING NON-WORKING HOURS. REMOVE BARRICADES ETC. FROM TRAVEL LANE.
13. REMOVE OR TURN OFF SIGNS DURING NON-WORK HOURS.
14. ALL CONFLICTING LINES, EXISTING CURB PAINT, AND MARKINGS SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW/TEMPORARY STRIPING. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED. PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER AND/OR STATE INSPECTOR.
15. HALF ROAD CLOSURE REQUIRES APPROVAL FROM DEPARTMENT OF PUBLIC WORKS. UPON COMPLETION OF EXCAVATION, CONTRACTOR SHALL RESTORE ANY PAVEMENT MARKINGS AND STRIPING THAT WERE REMOVED DURING CONSTRUCTION.
16. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES TO TRAFFIC SIGNAL EQUIPMENT SUCH AS LOOP DETECTORS, CONDUIT, ETC.
17. CONTRACTOR SHALL CONTACT TRANSIT AUTHORITY 72 HOURS PRIOR TO START OF WORK TO TEMPORARY RELOCATE BUS STOP.
18. ALL EXCAVATIONS SHALL BE BACKFILLED OR TRENCH PLATED AT THE END OF EACH WORK DAY. ASPHALT RAMP SHALL BE PLACED AROUND EACH TRENCH PLATE TO PREVENT THE PLATE FROM BEING DISLODGED. CONTRACTOR SHALL MONITOR TRENCH PLATES DURING NON-WORKING HOURS TO ENSURE THAT THEY DO NOT BECOME DISLODGED.
19. TEAR DOWN AND SET UP TEMPORARY TRAFFIC CONTROL DEVICES DAILY.
20. CONTRACTOR SHALL CONTACT LADOT AT (213) 485-2298 FIVE BUSINESS DAYS PRIOR TO CONSTRUCTION TO POST TEMPORARY NO STOPPING ANY TIME SIGNS AND COVER PARKING METERS.



WORK HOURS: 9:00 AM TO 3:30 PM MONDAY TO FRIDAY		
	DATE	LAYOUT ENGINEER
DRAWN		TELEPHONE NUMBER
CHECKED		EMAIL ADDRESS
APPROVED		FACILITY ENGINEER
DATE	REVISIONS	TELEPHONE NUMBER
		GEOCO
		CENTRAL OFFICE
		UNDERGROUND CONSTRUCTION ROUTINE ORDER/ESTIMATE NUMBER
SCALE: 1" = 50'	THOMAS GUIDE	DRAWING: 4/4
FILE NAME:		

F.J.S. CABLE ENGINEERING, INC.
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